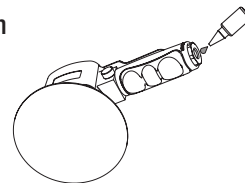


# Maintenance

Ensure the air line is shut-off and drained of air before removing this tool for service. This will prevent the tool from operating if the throttle is accidentally engaged.

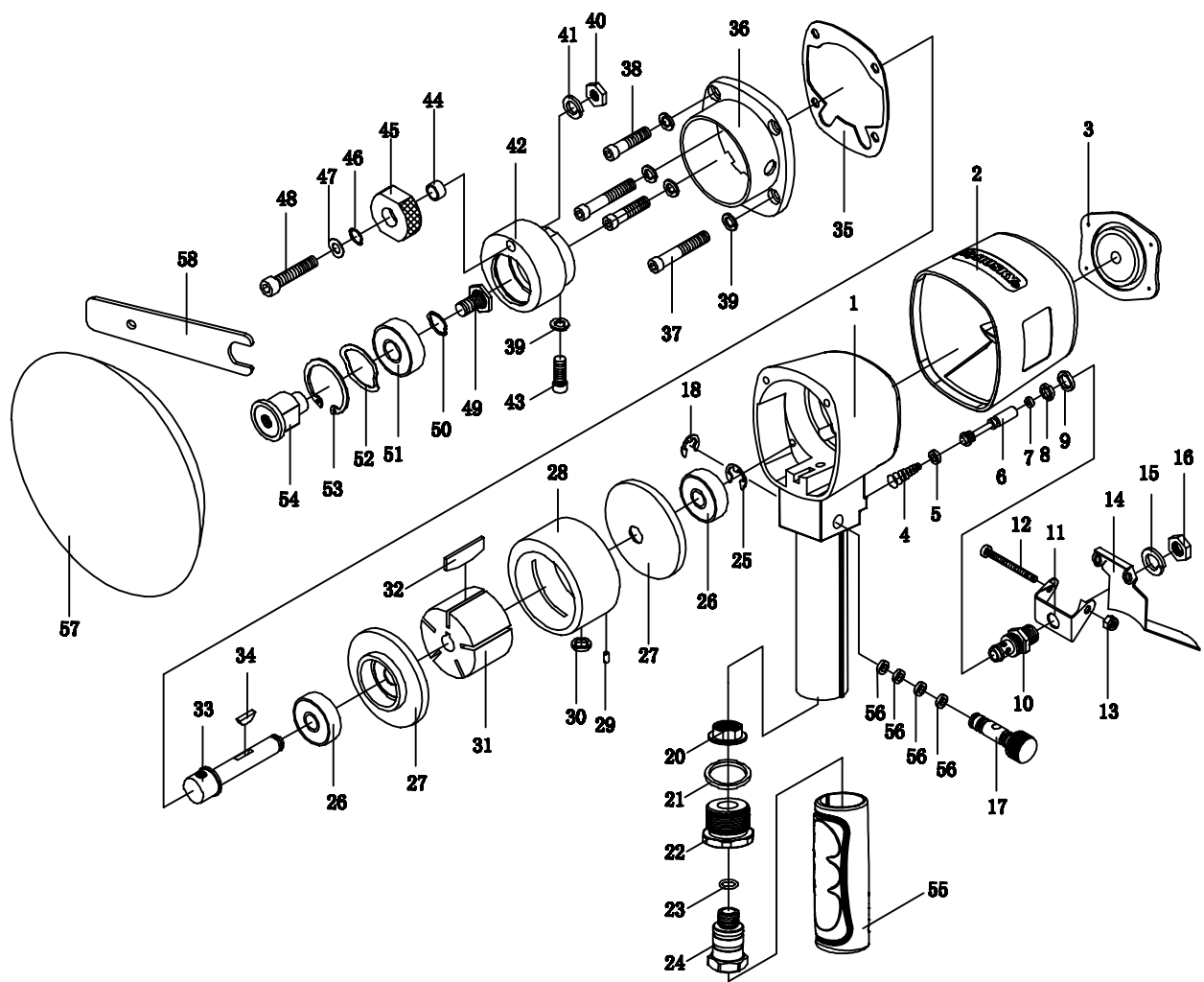


## LUBRICATION

- An in-line filter-regulator-lubricator is recommended as it increases tool life and keeps the tool in sustained operation.
- Regularly check and fill the in-line lubricator with air tool oil. Avoid using excessive amounts of oil.
- Adjust the in-line lubricator by placing a sheet of paper next to the tool's exhaust ports and holding the throttle open approximately 30 seconds. The lubricator is properly set when a light stain of oil collects on the paper.
- If it is necessary to store the tool for an extended period of time (overnight, weekend, etc.), generously lubricate the tool through the air inlet. Run the tool for approximately 30 seconds to ensure the oil is evenly distributed throughout the tool. Store the tool in a clean and dry environment.
- Recommended lubricants: Air tool oil or any other high grade turbine oil containing moisture absorbent, rust inhibitors, metal wetting agents, and an EP (extreme pressure) additive.

## Troubleshooting

Problem	Possible Cause	Solution
The tool runs slowly or will not operate.	There is grit or gum in the tool.	Flush the tool with air tool oil or gum solvent.
	The tool is out of oil.	Lubricate the tool according to the lubrication instructions in this manual.
	The air pressure is low.	<ul style="list-style-type: none"><li>□ Adjust the regulator on the tool to the maximum setting.</li><li>□ Adjust the compressor regulator to the tool's maximum setting of 90 psi.</li></ul>
	The air hose leaks.	Tighten and seal the hose fittings with pipe thread tape if leaks are found.
	The air pressure drops.	<ul style="list-style-type: none"><li>□ Ensure the hose is the proper size. Long hoses or tools using large volumes of air may require a hose with an I.D. of ½" or larger depending on the total length of the hose.</li><li>□ Do not use a multiple number of hoses connected together with a quick connect fitting. This causes additional pressure drops and reduces the tool power. Directly connect the hoses together.</li></ul>
	There is a worn rotor blade in the motor.	Replace the rotor blade.
	There is a worn ball bearing in the motor.	Remove and inspect the bearing for rust, dirt, and grit. Replace or clean and grease the bearing with bearing grease.
There is moisture blowing out of the tool's exhaust.	There is water in the tank.	Drain the tank. (See the air compressor manual for instructions.) Lubricate the tool and run it until water is not evident. Lubricate the tool again and run for 1-2 seconds.



## Service Parts (continued)

Reference Number	Part Number	Description
1	9482001	Housing
2	9106599G	Housing Cover
3	9482003	Cap
4	9106601G	Throttle Spring
5	9106602G	O-Ring
6	9106603G	Valve Stem
7	9106604G	O-Ring
8	9106605G	O-Ring
9	9106606G	O-Ring
10	9106607G	Valve Seat
11	9106608G	Trigger Seat
12	9106609G	Trigger Screw
13	9106610G	Lock Nut
14	9481214	Trigger
15	9106612G	Washer
16	9106613G	Nut
17	9106614G	Air Regulator
18	9106615G	E-Ring
19	9106616G	Set Pin
20	9106617G	Nut
21	9106618G	O-Ring
22	9106619G	Air Inlet
23	9106620G	O-Ring (3)
24	9106621G	Air Inlet
25	9106622G	E-Ring
26	9106623G	Bearing (2)
27	9106624G	Front / Rear End Cover (2)
28	9106625G	Cylinder
29	9106626G	Set Pin

Reference Number	Part Number	Description
30	9106627G	O-Ring
31	9106628G	Rotor
32	9106629G	Rotor Blade (5)
33	9106630G	Work Spindle
34	9106631G	Key
35	9106632G	Gasket
36	9106633G	Front Cover
37	9106634G	Set Screw (2)
38	9106635G	Set Screw (2)
39	9106636G	Washer (5)
40	9106637G	Nut
41	9106638G	Washer
42	9106639G	Orbital Hub
43	9106640G	Set Screw
44	9106641G	Bushing
45	9106642G	Lever
46	9106643G	Washer
47	9106644G	Washer
48	9106645G	Screw
49	9106646G	Set Screw
50	9106647G	Washer
51	9106648G	Bearing
52	9106649G	Washer
53	9106650G	C-Ring
54	9106651G	Bearing Seat
55	9106652G	Handle Grip
56	9106653G	O-Ring (4)
57	5430	6" Pad
58	9482058	Open End Wrench